

Appl. No. 10/785,464
Atty. Docket No. CM2601MC
Amdt. dated May 11, 2005
Reply to Office Action of 4/29/2005
Customer No. 27752

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A disposable absorbent article comprising:

a liquid pervious topsheet;
a liquid impervious backsheet; and
an absorbent member positioned between said topsheet and said backsheet, said absorbent member having a thickness dimension, a first surface being oriented towards said topsheet and an opposed second surface being oriented towards said backsheet, said second surface being separated from said first surface by said thickness dimension,
said absorbent member comprises at least one film-like region of particles of chitosan material, said particles having a particle size distribution with a mean diameter $D(v,0.9)$ of not more than about 300 μm .
2. (Original) The absorbent article of claim 1, wherein said film-like region is positioned on said first and/or second surface of said absorbent member.
3. (Original) The absorbent article of claim 2, wherein the surface area coverage of chitosan material within said film-like region of particles of chitosan material on said surface of said absorbent member is at least about 75% of the total surface of said film-like region.
4. (Original) The absorbent article of claim 3, wherein the surface area coverage of chitosan material within said film-like region of particles of chitosan material on said surface of said absorbent member is about 100% of the total surface of said film-like region.
5. (Original) The absorbent article of claim 1, wherein said article further comprises an additional absorbent member positioned between said film-like region and said backsheet and/or said topsheet.

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6. (Previously presented) The absorbent article of claim 1, wherein said film-like region comprises chitosan particles having a particle size distribution with a mean diameter $D(v,0.9)$ of from about 10 nm to about 300 μm .
7. (Original) The absorbent article of claim 1, wherein said chitosan material has a degree of deacetylation of more than about 70%.
8. (Original) The absorbent article of claim 1, wherein said chitosan material comprises at least one salt of chitosan, such as chitosonium pyrrolidone carboxylate and/or chitosonium lactate.
9. (Original) The absorbent article of claim 1, wherein said absorbent member comprises a structure with internal void space, preferably a dry laid hydrophilic fibrous web.
10. (Previously presented) The absorbent article of claim 1, wherein said film-like region comprises particles of chitosan material in an amount of about 0.1 to about 200 g per square meter of said absorbent member.
11. (Previously presented) The absorbent article of claim 2, wherein at least one of said surfaces of said absorbent member is covered by at least about 40% of the total surface area of said surface with said film-like regions comprising particles of chitosan material.
12. (Original) The absorbent article of claim 11, wherein at least one of said surfaces of said absorbent member is covered by about 100% of the total surface area of said surface with said film-like regions comprising particles of chitosan material.

13-18 . (Canceled)

19-21. (Previously canceled)

22. (Canceled)

23. (Previously canceled)

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24. (Canceled)

25-31. (Previously Canceled)